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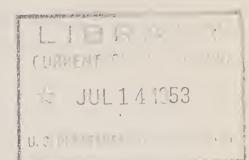
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# UNITED STATES DEPARTMENT OF AGRICULTURE Bureau of Agricultural Economics

#### In cooperation with

#### NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS

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#### APPLE MANUFACTURES

### THE USE OF APPLES IN CIDER MILLS

#### EVAPORATORS AND CANNERIES IN NEW YORK STATE

#### 1941-52

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Albany, New York

June 1953



#### APPLE MANUFACTURES, 1941 - 1952

This report presents statistics on the apple manufacturing industry in New York State for each crop year from 1941 through 1952.

New York State processors received 5.8 million bushels of apples from the 1952 crop, about 20 percent less than in 1951. Five percent of these apples were purchased from other states and Canada.

A little over three fifths of the apples used for processing went into canned apples and applesauce, including baby food, slightly more than one fourth were pressed for cider and apple juice, and drying, freezing and other products accounted for the rest. Statistics for the industry engaged in daily preparation and shipment of fresh sliced apples to pie bakers are included here only when this operation is carried on in or near the apple production areas. It has reached a high state of development in New York City, using open-market or contract purchases of apples throughout the year.

In addition to the products mentioned above, pomace from cider mills and skins and cores from canning factories are used in considerable amounts for the extraction of pectin.

The downward trend in the number of plants making cider and other apple products, which has been evident for a number of years, continued in 1952. There were 219 plants in operation during the last season, compared with 247 in 1951.

The apple manufacture information in this publication has been gathered from processors, mainly by mailed questionnaire supple mented in a few cases by estimates for a few small concerns from which reports were not received.

Cordial appreciation is expressed for the generous cooperation of the people in the apple processing industries whose reports have made this summary possible.

Wm. I. BAIR Agricultural Statistician, and Director of Agricultural Statistics

Table 1. - Receipts and utilization of apples at manufacturing plants, New York, crops of 1941-52

naggas sizindo assista visigilo.	whether matter whether matter and the matter and th	Receipts from	na uppya ayana saran yaran salaja mishi nimib digari attiri sindib alagi d	
Crop:	•	other states	: Used for cider	: Used for canning
-	Net receipts $\frac{1}{\cdot}$			
year:	1400 10001500 =	(included in	: and apple juice	or applesauce
:	:	preceding column)	:	
		bus	shels	
1941	7,328,300	17,500	3,993,600	2,580,600
1942	7,907,500	62,000	3,712,500	2,751,700
1943	5,611,300	98,400	3,037,900	1,865,400
1944	7,607,800	479,400	4,278,800	2,010,200
1945	1,418,000	806,500	873,000	440,800
1946	8,723,800	495,100	4,364,400	3,595,500
1947	6,214,000	99,100	2,920,000	2,839,800
1948	4,552,000	173,600	1,788,300	2,271,000
1949	8,877,200	24,300	3,806,000	4,289,500
1950	9,676,800	67,000	3,122,500	5,472,700
1951	7,165,900	17,200	2,114,500	4,220,400
1952	5,799,700	295,100	1,550,300	3,669,000
				I SANTE OFFICE AND AND OTHER WASHINGTON TO SERVICE OFFICE

Table 1. - Receipts and utilization of apples at manufacturing plants, New York crops of 1941-52 - continued

Crop :	Used for		Used for	© Grant Appear of Child American relicions	Used for other
year :	drying	9	freezing 2/		products 2/3/
	manus destino estato estato destino ciraço e-u-ne estato Lescon polyso		bushels	And the same state that	- Capital Robert Capital Capit
1941	536,700		Contraction Contracting College State Systems and Personal Personal College State Systems and Personal		217, 400
1942	1,120,800		39,300		283,200
1943	502,400		113,800		91,800
1944	441,100	*	577,400		300,300
1945	<b>-</b> × ,		76,800	• #	27,400
1946	114,900		459,400		189,600
1947	108,800		191,500		153,900
1948	39,600		169,600	·	283,500
1949	221,700		347,500	and the Article	212,500
1950	260,900		510,100		310,600
1951	277,400		266,300		287, 300
1952	28,900		318,900		232,600
7 / 4	and the same again again the same again	white depart ortion option	Married Agency America Schools Statement State	MATERIAL PROPERTY AND ADDRESS	THE REAL PROPERTY AND LABOUR THE PARTY AND LABOUR T

- 1/ Apples received at a plant and then transferred to another plant for processing are included only in plant where processed. One bushel is assumed to equal 48 pounds.
- 2/ Frozen apples were first asked separately in 1944. The 1943 and 1942 totals for this item as published may be incomplete. For 1941 and earlier years quantities used for frozen apples were not separated from "other products."
- 3/ Among other products for which these apples were used are jelly, apple butter, mincemeat, fresh sliced apples for pies in upstate areas and in 1941 and earlier years frozen apples. Included also are small amounts of loss and shrinkage and some apples sorted out for sale as fresh fruit.

Table 2. - Cider and dried apple products made, New York, from crops of 1941-52

Crop:	Cider and :	Dried	:	Dried apple	:	Dried skins	:	Dried
year:	juice pressed:	apples	:	chops	•	and cores	:	pomace
and the same and	gallons	pounds		pounds		pounds		pounds
1941	17,863,400	3,056,700		284,500		595,300		823,900
1942	17,235,500	6,473,500		356,700		1,461,100		2,126,000
1943	14,188,100	2,736,200		233,400		649,800		758,000
1944	19,725,300	2,489,700		194,000		536,100		1,168,000
1945	3,565,900	•		-		-		67,000
1946	19,103,000	721,100		67,000		151,000		1,570,000
1947	13,230,400	648,600		-				720,500
1948	7,714,200	265,500		-		-		3,044,200
1949	19,695,500	1,341,300		58,800		-		5,630,000
1950	18,614,200	1,363,000		190,000		•		4,605,900
1951	12,739,600	1,565,500		28,600		•		4,630,400
1952	10,248,300	181,400		1 /		-		2,507,400
1 / 5 -:	- 1 1			1 1 1		1000		

1/ Dried apple chops are included with dried apples in 1952

Table 3. - Average price paid for apples, by type of manufacturing plant, New York, 1941-52 1/

Crop	attin angen meter meter stores denne tride meter capen grave meter anne B B	Average price	paid for apples by	magnin gagita vigata augus magne augus augus augus
year	: Cider mills :	Evaporators	: Canners & freezers:	All plants
		dollars pe	r 100 pounds	
1941	. 34	.57	1.19	. 72
1942	.44	1.46	1.59	1.05
1943	1.13	2.86	3.12	2.12
1944	1.04	2.96	3.21	2.06
1945	2.77	<b>₩</b>	6,69	4.40
1946	1.21	1.88	3.91	2.57
1947	.67	. 89	2.58	1.72
1948	1.09	1.22 ~	2,87	2.16
1949	.51	.77	1.85	1.25
1950	.58	1.17	2.66	1,95
1951	.58	. 76	1,40	1.13
1952	1.24	1.50	3.34	2.77

1/ The 1951 and 1952 prices are weighted by the quantities of apples used by the individual plants within each district as well as by the importance of the several districts. For earlier years the averages of prices as reported were weighted by the importance of the several districts.

2/ Revised.

Table 4. -Receipts and utilization of apples by type of manufacturing plant, New York, crops of 1951 and 1952

Item  Receipts: Net 1/ From other states (included above)	Cider 1951 1,391,000	Cider Mills : 1952 - 1,000 1,018,600 6,400 48,000	5	Other processors:  1951: 1952: 1952  bushels  774,900 4,781,100  800 247,100	All plants 1951 7,165,900 5,7 17,200 2	ants 1952 5,799,700
Net 1/	1,391,000	1,018,600	5	4,781,100	7, 165, 900	
From other states (included above)	16,400	48,000		247, 100	17,200	
Utilized for:						
Cider and juice	1,391,000	1,018,600	723, 500	531,700	2,114,500	
Canning and apple sauce	ŧ	ı	4,220,400	3,669,000	4,220,400	
Drying	1		277,400	28,900	277,400	
Freezing	ı	i	266, 300	318,900	266,300	
Other products 2/	ı	1	287, 300	232,600	287,300	

<sup>1</sup>in the plant where processed. Apples received at a plant and then transferred to another plant for processing are included only

<sup>2/</sup> In addition to other products this amount includes small quantities of shrinkage and some apples sorted ont for sale as fresh fruit.

Table 5.- Apples received and cider and juice made, by districts and type of plant, New York, crops of 1951 and 1952

1							
Bushels   Bushels   Sallons   Sallons   Sallons   Sallons     388,800	trict <u>1</u> d year	: Gider mills: Of	ples received at ther processors		Cider mills:	other processors	G
00 7,286,100 8,821, 00 4,129,700 8,143, 00 - 235, 00 - 235, 00 - 193, 00 - 1,018, 00 7,398,100 12,739, 00 7,398,100 12,739, 00 7,398,100 12,739, 00 4,129,700 10,248, 00 4,129,700 10,248, 00 stricts - All counties not include s	rio	 	bushels	1 1 1 1 1 1	 	gallons	 
00 - 4,129,706 8,143, 00 - 235, 00 - 193, 00 - 1,663, 00 - 17,898,100 1,990, 00 - 7,398,100 12,739, 00 - 4,129,700 10,248, 00 - 4,129,700 10,248, 00 - 4,129,700 10,248, 00 - 4,129,700 10,248, 00 stricts - All counties not include stricts - All counties not include	1951	388,800	5,249,200	5,638,000	1,535,700	7,286,100	821,
00 - 112,000 1,990, 00 - 1,018, 00 - 28, 00 - 17,990, 00 - 4,129,700 12,739, 00 - 4,129,700 10,248, 00 - 4,129,700 10,248, 00 - 4,129,700 10,248, 01 - 4,129,700 10,248, 02 - 4,129,700 10,248, 03 - 4,129,700 10,248, 04 129,700 10,248, 05 - 4,129,700 10,248, 06 - 4,129,700 10,248, 07 398,100 12,739, 08 25 25 25 25 25 25 25 25 25 25 25 25 25	1952	456,900	4,300,400	4,817,300	013,	4, 129, 700	143,
00 - 1,663, 00 - 1,663, 00 - 1,603, 00 - 1,018, 00 - 1,018, 00 - 1,018, 00 - 28, 00	Mid-western						
00 - 11,663,000 - 1,663,000 - 1,936,000 - 1,930,000 - 1,930,000 - 1,930,000 - 1,930,000 - 1,930,000 - 1,398,100 12,739,000 - 4,129,700 12,739,000 - 4,129,700 10,248,100,74es, Seneca,10n, Ontario, Yates, Seneca,10n, Ontario, Yates, Seneca,10n, Stricts - All counties not inclucabove.	1951	69,500	134,800	204,300	35,	,	235,000
00 - 28, 00 - 17, 000, 00 00 00 00 00 00 00 00 00 00 00	1952	55, 900	145,300	201,200	ŝ	1	193,500
00 - 1,663, 00 - 28, 00 - 112,000 1,990, 00 - 7,398,100 12,739, 00 - 4,129,700 10,248, 00 - 4,129,700 10,248, chester, Greene, Ulster, Crange, stricts - All counties not incluc	Hudson						à
00 - 112,000 1,990, 00 112,000 1,990, 00 7,398,100 12,739, 00 4,129,700 10,248, 00 - 4,129,700 10,248, chester, Greene, Ulster, Crange, stricts - All counties not include above.	1951	448,900	46,600	495,500	1,663,900	•	44
00	1952	276,100	80,200	356, 300	1,018,100	8	1,018,100
00	Champlain						
00	1951	9,100	•	9,100	28,900		28,900
00 112,000 1,990, 00 875, 00 7,398,100 12,739, 00 4,129,700 10,248, con, Ontario, Yates, Seneca, ton, Ontario, Yates, Seneca, ton, Ontario, Yates, Seneca, stricts - All counties not included	1952	5,500	•		17,200	ŧ	2
00 112,000 1,990, 00 875, 00 7,398,100 12,739, 00 4,129,700 10,248, con, Ontario, Yates, Seneca, ton, Ontario, Yates, Seneca, stricts - All counties not includable.	Cther						
00 7,398,100 12,739, 00 4,129,700 10,248, 00 4,129,700 10,248, ton, Ontario, Yates, Seneca, tricts - All counties not includestricts - All counties not includestricts above.	1951	474,700	344,300	0	1,878,000	12,	990,
00 7,398,100 12,739, 00 4,129,700 10,248, contario, Yates, Seneca, ton, Ontario, Yates, Seneca, stricts - All counties not includable.	)52	224,200	195,200	419,400	875,900	•	875,900
00 7,398,100 12,739, 00 4,129,700 10,248, e. ton, Ontario, Yates, Seneca, chester, Greene, Ulster, Crange, stricts - All counties not includabove.	State						
on 4, 129, 700 10  e. ton, Ontario, Yates, Sene chester, Greene, Ulster, Cr stricts - All counties not above.	1951	1,391,000	5,774,900	7,165,900	5,341,500	7, 398, 100	739,
ton, Ontario, Yates, Scnechester, Greene, Ulster, Crestricts - All counties not above.	952	1,018,600	4,781,100	5,799,700	6,118,600		10,248,300
<ul> <li>Niagara, Orleans, Monroe, Wayne.</li> <li>- Erie, Genesee, Wyoming, Livingston, Onta Tompkins.</li> <li>- Columbia, Dutchess, Putnam, Westchester, GRockland.</li> <li>- Clinton, Essex Other districts -</li> </ul>	istricts u	sed in this public	cation include co	unties as liste	d below:		
<ul> <li>ct - Erie, Genesee, Wyoming, Livingston, Onta Tompkins.</li> <li>- Columbia, Dutchess, Putnam, Westchester, G Rockland.</li> <li>- Clinton, Essex Other districts -</li> </ul>	Onta	rio District	- Niagara, O	rleans, Monro			
Tompkins Columbia, Dutchess, Putnam, Westchester, G Rockland Clinton, Essex Cther districts -	Mid-	western District	- Erie, Gene			Yates,	eneca,
Rockland Clinton, Essex Cther districts -	Huds	on District		urchess, Putna	m. Westchest		Crange.
- Clinton, Essex Cther districts -	Č						71 
	Char	nplain Listrict	Clinton, Es	sex	Cther distric	ł	not included

Table 6. - Apple manufacturing plants in operation and establishments making specified products, New York, crops of 1941-52

*	a course access access occurs con an electric access departs	a gunda salahi digita musika kepua desilah kepada digitah delahir B	Plants making	1/	n aprilus afform victorio applico applico emerge aleptino ejectro
Crop:	Plants	: Cider and	: Dried apple	0	Other apple
year :	in operation	: juice	: products	;	products 2/
displane accesses constributing type to entering	in the second section of the second expense displace blanche displace.	to make the state of the state	number		a common delica press cerum deren franchistrativa delica quere
1941	461	418	26		25
1942	374	318	42		25
1943	283	243	33		25
1944	300	250	30		32
1945	63	56	2.		10
1946	261	221	13 .	•	3.5
1947	293	244	15	,	39
1948	249	212	12		34
1949	285	244	19		31
1950	265 .	222	21		37:
1951	247	202	21		33
1952	219	180	9	awana paritir design	36

<sup>1/</sup> A total of the establishments making cider and juice, dried apple products or other apple products exceeds the number of establishments in operation, as an establishment may make more than one of the listed products. "Custom" and "commercial" cider mills are included in number of establishments.

Table 7. - Apples received from other states and Canada at New York processing plants, crops of 1951 and 1952

where which	1951	1952
element and the course of the	bush	iels
Regions of origin 1/	entered with district and all	ag-go-valid, plantinger v. p
New England, Pennsylvania and New Jersey	17,200	42,000
Other Eastern States	89	178,000
Canada	-	56,200
Unknown	619	18,900
Total	17,200	295,100
District in New York in which received 2/	consister commission distriction with survival commission and survival commission distriction.	- Granter enforce envisor, envisor, envisor, envisor, enforce envisor, envi
Ontario	-	225,100
Mid-western	800	20,600
Hudson, Champlain, and other	16,400	49,400
Total	17,200	295,100
1/ States grouped to prevent disclosure of individ	dual operations	S a

States grouped to prevent disclosure of individual operations.
 For counties included in each district see table 5, footnote 1.

<sup>2/</sup> Other apple products include canned apples or applesauce, frozen apples, apple butter, mincemeat, fresh sliced apples for pies in upstate areas, etc.



